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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222 8140				
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey tal.	CUSTOMER N 24961	NO.			
STATEMENT	FILING DATE June 27, 2003	GROUP 1626				

<sup>\*</sup> If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code		D	OCUM	ENT N	NUMBI	ER		DATE	NAME	CLASS	SUB CLASS	FILING DATE
TKP	ET	6	2	6	1	5	9	5	07/17/01 B1	Stanley et al.	424	449	02/29/00
1	EU	6	2	6	4	9	1	4	07/24/01 B1	Klaveness et al.	424	1.65	04/28/99
	EV	6	2	6	7	9	8	3	07/31/01 B1	Fujii <i>et al.</i>	424	448	08/11/99
	EW	6	2	6	8	1	2	0	07/31/01 B1	Platz <i>et al</i> .	435	2	10/19/99
	EX	6	2	7	1	3	5	9	08/07/01 B1	Norris <i>et al</i> .	536	23.1	04/14/99
	EY	6	2	7	3	9	0	4	08/14/01 B1	Chen et al.	607	88	03/02/99
	EZ	6	2	7	4	5	5	2	08/14/01 B1	Tamarkin <i>et al</i> .	514	12	11/10/97
	FA	6	2	8	1	6	1	1	08/28/01 B1	Chen et al.	310	171	04/11/00
	FB	6	3	0	7	1	4	7	10/23/01 B1	Bird et al.	136	263	04/18/00
	FC	6	3	1	6	6	5	2	11/13/01 B1	Steliou	556	42	06/06/95
	FD	6	3	1	9	2	7	3	11/20/01 B1	Chen et al.	607	88	12/16/99
	FE	6	3	1	9	4	8	8	11/20/01 B1	Licha et al.	424	9.6	04/09/98
	FF	6	3	3	1	1	7	5	12/18/01 B1	Goldenberg	604	522	07/06/98
	FG	6	3	3	1	7	4	4	12/18/01 B1	Chen et al.	310	171	04/11/00
	FH	6	3	4	4	0	5	0	02/05/02 B1	Chen	607	88	12/21/98
TO O	FI	6	3	5	0	4	3	1	02/26/02 B1	Snow et al.	424	9.6	10/28/99

**EXAMINER** 

DATE CONSIDERED 6/01/16

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222	CONFIRM NO. 8140	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey <i>et al.</i>	CUSTOMER NO. 24961 GROUP 1626		
STATEMENT	FILING DATE June 27, 2003			

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### U.S. PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code		DC	CUM	ENT N				DATE	NAME	CLASS	SUB CLASS	FILING DATE
ncl	FJ	6	3	8	7	3	5	0	05/14/02 B2	Goldenberg	424	1.57	07/08/99
1	FK	6	4	٥	6	2	9	7	06/18/02 B1	Raymond et al.	434	15	02/18/00
	FL	6	4	1	6	5	3	1	07/09/02 B2	Chen	607	89	06/24/98
	FM	6	4	8	2	5	1	7	11/19/02 B1	Anderson	428	402.24	08/16/00
	FN	6	4	8	9	3	1	4	12/03/02 B1	Ashley et al.	514	183	04/03/01
	FO	6	4	9	5	5	8	5	12/17/02 B2	Bellnier et al.	514	410	03/07/01
	FP	6	4	9	8	9	4	5	12/24/02 B1	Alfheim <i>et al</i> .	600	407	11/08/99
	FQ	6	5	0	0	8	1	6	12/31/02 B1	Ekimoto <i>et al</i> .	514	185	03/12/01
	FR	6	5	1	1	9	7	1	01/28/03 B1	Gorun	514	183	10/12/99
	FS	6	5	1	4	9	9	5	02/04/03 B1	Zaleski <i>et əl</i> .	514	332	09/25/01
	FT	6	5	1	5	1	1	3	02/04/03 B2	Raymond et al.	534	15	02/18/00
	FU	6	5	2	0	6	6	9	02/18/03 B1	Chen et al.	362	545	06/19/00
	FV	6	5	2	4	5	5	2	02/25/03 B2	Klaveness et al.	424	1.85	02/20/01
	FW	6	5	2	5	0	8	8	02/25/03 B1	Nagano et el.	514	452	01/03/01
	FX	6	5	2	7	7	5	9	03/04/03 B1	Tachibana et al.	604	500	07/20/00
110	FY	6	5	3	4	0	4	0	03/18/03 B2	Pandey et al.	424	362	12/18/00

**EXAMINER** 

DATE CONSIDERED 06/01/06

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FLUORINATED PHOTOSENSITIZERS RELATED TO CHLORINS AND BACTERIOCHLORINS

FOR PHOTODYNAMIC THERAPY

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222	CONFIRM NO. 8140	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.	CUSTOMER NO. 24961 GROUP 1626		
STATEMENT	FILING DATE June 27, 2003			

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EXAMINER INITIAL	*Ref. Code		DO	осим	ENT N	T NUMBER			DATE	NAME	CLASS	SUB CLASS	FILING DATE
nul	FZ	6	5	4	0	9	8	0	04/01/03 B1	Blumenthal et al.	424	9.34	03/31/00
1	GA	6	5	5	4	8	5	3	04/29/03 B2	Chen	607	88	07/20/01
	GB	6	5	5	9	3	7	4	05/06/03 B2	Lindsey et al.	136	263	05/10/01
	GC	6	5	6	6	5	1	7	05/20/03 B2	Miura et al.	540	145	06/06/01
	GD	6	5	6	9	8	4	6	05/27/03 B1	Scherz et al.	514	185	09/18/01
	GE	6	5	7	2	8	3	9	06/03/03 B2	Sugita <i>et al.</i>	424	9.5	03/09/01
	GF	6	5	8	0	2	2	8	06/17/03 B1	Chen et al.	315	185R	08/22/00
	GG	6	6	0	2	2	7	4	08/05/03 B1	Chen	607	88	03/18/99
714	GH	R	E	2	8	8	1	9	05/18/76	Thompson	424	243	04/16/75

# FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL /	*Ref. Code		D	осим	ENT N	IUMBI	ER		DATE	COUNTRY	CLASS	SUB CLASS	Translation Yes	on No
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9	GJ	0	0	3	6	9	8	3	06/29/00	PCT A1				
	GK	0	0	4	1	7	2	5	07/20/00	PCT A2 -				
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Title: FLUORINATED PHOTOSENSITIZERS RELATED TO CHLORINS AND BACTERIOCHLORINS

FOR PHOTODYNAMIC THERAPY

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO.   CONFIRM NO.   10/607,222   8140				
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey <i>et al.</i>	CUSTOMER N 24961	NO.			
STATEMENT	FILING DATE June 27, 2003	GROUP 1626				

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EXAMINER INITIAL	*Ref. Code		D	CUM	ENT N	IUMBI	ER		DATE	COUNTRY	CLASS	SUB CLASS	Trans Yes	slation No
170)	GO	0	1	0	3	7	7	0	01/18/01	PCT A1 TP				
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	GR	0	1	2	0	0	5	4	03/10/84	EP B1 -				
	GS	0	1	4	3	8	2	5	06/21/01	PCT A1 -				
	GT	0	1	5	1	0	8	7	07/19/01	PCT A2				
	GU	0	1	6	1	6	0	6	11/21/85	EP B1 🖚				
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	GX	0	1	9	8	7	0	8	12/27/01	PCT A1 ~				
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	НА	0	3	0	2	9	4	94	04/10/03	PCT A1 _				
	нв	0	3	0	5	2	7	93	06/26/03	PCT A2 -				
	нс	0	3	0	5	6	4	07	07/10/03	PCT A2 -				
	HD	0	3	0	6	1	6	96	07/31/03	PCT A2 -				
	HE	0	4	2	3	1	9	5	04/24/91	EP B1 -				
	HF	0	4	2	5	5	6	6	05/08/91	EP B1 ~				
	HG	0	4	5	0	1	4	9	10/09/91	EP 81 -				
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**FORM PTO-1449** ATTY. DOCKET NO. SERIAL NO. CONFIRM NO. 25886-0094 10/607,222 8140 **APPLICANT** CUSTOMER NO. LIST OF PATENTS AND PUBLICATIONS FOR Pandey t al. 24961 APPLICANT'S INFORMATION DISCLOSURE **STATEMENT FILING DATE GROUP** June 27, 2003 1626

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code		D	OCUN	MENT	NUMB	ER		DATE	COUNTRY	CLASS	SUB CLASS	Transla Yes	ation No
1/4	нк	1	1	1	0	9	6	3	06/27/01	EP A2 -				
)	HL	1	1	3	1	1	0	0	09/12/01	EP 81 -				
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	HP	1	2	5	6	5	8	6	11/13/02	EP A1 ~	Ţ.			
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	нт	20	02	3	2	5	8	53	11/12/02	JP ~				X+
	HU	20	03	1	4	6	9	89	05/21/03	JP -				X*
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	HY	9	0	0	0	3	9	2	01/25/90	PCT A1				
	HZ	9	0	0	0	8	9	5	02/08/90	PCT A1				
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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222	CONFIRM NO. 8140
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.	CUSTOMER N 24961	10.
STATEMENT	FILING DATE June 27, 2003	GROUP 1626	

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EXAMINER INITIAL	*Ref. Code		C	OCUN	MENT	NUME	BER		DATE	COUNTRY	CLASS	SUB CLASS	Tran Yes	slation No
170	IG	9	6	3	7	2	5	5	11/28/96	PCT A1				
1	IH	9	7	3	2	5	2	0	09/12/97	PCT A1				
	П	9	7	3	2	8	8	5	09/12/97	PCT A1 ~				
	IJ	9	8	0	4	3	1	7	02/05/98	PCT A1 -				Λ
	IK	9	8	0	6	4	5	6	02/19/98	PCT A1				
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	IP	9	8	3	2	4	9	1	07/30/98	PCT A1 -				
	IQ	9	8	3	2	4	9	2	07/30/98	PCT A1 -				
	IR	9	8	3	2	4	9	3	07/30/98	PCT A1				
	IS	9	8	4	6	1	3	0	10/22/98	PCT A1				
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	IU	9	8	5	6	3	0	2	12/17/98	PCT A1 🕳				
	IV	9	9	1	8	8	7	9	04/22/99	PCT A1				
	IW	9	9	2	0	3	4	6	04/29/99	PCT A1	i			
	IX	9	9	3	9	7	6	9	08/12/99	PCT A1 _				
	ΙΥ	9	9	5	2	5	6	5	10/21/99	PCT A1 -				
	ΙZ	9	9	5	8	1	4	9	11/18/99	PCT A1				
	JA	9	9	6	6	9	8	8	12/29/99	PCT A1 -				
nu	JB	9	9	6	7	2	4	8	12/29/99	PCT A1				

l **EXAMINER** DATE CONSIDERED

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. CONFIRM NO. 10/607,222 8140		
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.	CUSTOMER NO. 24961		
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#### FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	*Ref. Code	DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUB CLASS	Translat Yes	tion No			
	JC	9	9	6	7	2	4	9	12/29/99	PCT A1 -				

X\* = An English language Derwent abstract is provided.
 X + = An English language equivalent is provided.

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		The Art (modding Addition, Title, Date, Ferdinent Fages, Etc.)
77CP	JD	Bellnier et al., "Population pharmacokinetics of the photodynamic therapy agent 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a in cancer patients", Cancer Res., 63(8):1806-1813 (2003)
_1_	JE	Bellnier et al., "Design and construction of a light-delivery system for photodynamic therapy", Med. Phys., 26(8):1552-1558 (1999)
	JF	Bellnier et al., "The time course of cutaneous porphyrin photosensitization in the murine ear", Photochemistry and Photobiology, 49(3):369-372 (1989)
	ng	Bellnier et al., "Murine pharmacokinetics and antitumor efficacy of the photodynamic sensitizer 2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a", <i>J Photochem Photobiol B</i> . 20(1):55-61 (1993)
	JH	Bellnier et al., "The validation of a new vascular damage assay for photodynamic therapy agents", Photochem Photobiol., 62(5):896-905 (1995)
	JI	Bellnier et al. "Protection of murine foot tissue and transplantable tumor against Photofrin-II-mediated photodynamic sensitization with WR-2721", Journal of Photochemistry and Photobiology B. Biology 4:219-225 (1989)
	IJ	Bellnier et al. "An assay for the quantitation of Photofrin in tissues and fluids", Photochem Photobiol. 66(2):237-244 (1997)
	JK	Bellnier et al., "Distribution and elimination of Photofrin II in mice", Photochemistry and Photobiology 50(2):221-228 (1989)
	JL	Belinier et al., "Membrane lysis in Chinese hamster ovary cells treated with hemtoporphyrin derivative plus light", <i>Photochem Photobiol</i> . 36(1):43-47 (1982)
nd	JM	Bellnier et al., "A preliminary pharmacokinetic study of intravenous Photofrin in patients", J Clin Laser Med Surg., 14(5):311-4 (1996)
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DATE CONSIDERED 06/02/04

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

		Their Air (moldding Addior, Title, Date, Fertillett Fages, Ltc.)
1104	) JN	Bellnier et al., "Haematoporphyrin derivative photosensitization and gamma-radiation damage interaction in Chinese hamster ovary fibroblasts", Int J Radiat Biol Relat Stud Phys Chem Med. 50(4):659-664 (1986)
	JC	Bernstein et al., "Photofrin photodynamic therapy for treatment of AIDS-related cutaneous Kaposi's sarcoma", AIDS, 13(13):1697-1704 (1999)
	JF	Box et al., "Radical ion saturation in some sulfur compounds x-irradiated at 4.2 degrees" K. Radiat Res. 51(1):10-14 (1972)
	JC	Boyle et al., "Photobleaching of photofrin II as a means of eliminating skin photosensitivity", Photochemistry and Photobiology, 46(6):997-1001 (1987)
	JF	Brasseur et al., "Photodynamic activities and skin photosensitivity of the bis(dimethylthexylsiloxy)silicon 2,3-naphthalocyanine in mice", Photochemistry and Photobiology 62(6):1058-1065 (1995)
	JS	Brennan et al.,"Preparation of Bispecific Antibodies by Chemical Recombination of Monoclonal Immunoglobulin G <sub>1</sub> Fragments", Science, 229: 81-83 (1985)
	TL	Bugelski et al., "Autoradiographic distribution of hematoporphyrin derivative in normal and tumor tissue of the mouse", Cancer Res., 41(11 Pt 1):4606-4612 (1981)
	JU	Chen et al., "Effect of meso-substituents on the osmium tetraoxide reaction and pinacol- pinacolone rearrangement of the corresponding vic-dihydroxyporphyrins", J Org Chem. 66(11):3930-3939 (2001)
	JV	Chen et al., "Bacteriopurpurinimides: highly stable and potent photosensitizers for photodynamic therapy", J. Med. Chem. 45:255-258 (2002)
	JW	Derwent Abstract Accession No. 9432597, for Japanese Patent Application JP 2003146989 published 05/21/2003, entitled "Pyropheophorbides and their use in photodynamic therapy".
	JX	Dimitroff et al., "Anti-angiogenic activity of selected receptor tyrosine kinase inhibitors, PD166285 and PD173074: implications for combination treatment with photodynamic therapy", Investigational New Drugs, 17:121-135 (1999)
na	7 JY	Dissous et al., Schistosoma Mansoni Surface Antigen Defined by a Rat Monoclonal IgG2a", J. Immunol. 129: 2232-2234 (1982)

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7,4	JZ	Doiron et al., "Fluorescence bronchoscopy for detection of lung cancer", Chest, 76(1):27-32 (1979)
	KA	Dougherty TJ, "Transannular peroxides as radiation sensitizers", Radiat Res., <u>55(1)</u> :101-108 (1973)
	КВ	Dougherty TJ, "A brief history of clinical photodynamic therapy development at Roswell Park Cancer Institute", <i>J Clin Laser Med Surg.</i> 14(5):219-221 (1996)
	кс	Dougherty TJ, "Use of hematoporphyrin in photodynamic therapy", <i>J Photochem Photobiol B.</i> 8(4):439 (1991)
	KD	Dougherty TJ, "Photosensitizers: therapy and detection of malignant tumors", Photochemistry and Photobiology 45(6):879-889 (1987)
	KE	Dougherty TJ, "Activated dyes as antitumor agents", <i>J Natl Cancer Inst.</i> 52(4):1333-1336 (1974)
	KF	Dougherty TJ, "Photodynamic therapy", Photochem Photobiol., 58(6):895-900 (1993)
	KG	Dougherty TJ, "Photodynamic Therapy: Part II", Seminars in Surgical Oncology, 11:333-334 (1995)
	кн	Dougherty TJ, "Photodynamic therapy: status and potential", <i>Oncology (Huntingt)</i> . 3(7):67-73; Discussion 74, 77-78 (1989)
	KI	Dougherty TJ, "Photoradiation therapy for cutaneous and subcutaneous malignancies", J Invest Dermatol. 77(1):122-124 (1981)
	KJ	Dougherty TJ, "Photodynamic therapy (PDT) of malignant tumors", CRC Critical Reviews in Oncology/Hematology 2(2):83-116 (1984)
	KK	Dougherty TJ, "Photoradiation therapy", Urology, 23(3 Suppl):61-64 (1984)
	KL	Dougherty TJ, "Photosensitization of malignant tumors", Seminars in Surgical Oncology 2:24-37 (1986)
	КМ	Dougherty TJ, "Variability in hematoporphyrin derivative preparations", Cancer Res. 42(3):1188 (1982)
Til	KN	Dougherty TJ, "Photoradiation therapy for bronchogenic cancer", Chest, 81(3):265-266 (1982)

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222 8140  CUSTOMER NO. 24961	
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.		
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	0	0	THER ART (Including Author, Title, Date, Pertinent Pages, Etc.)				
110	1	ко	Dougherty TJ, "Photodynamic therapynew approaches", Seminars in Surgical Oncology 5:6-16 (1989)				
		KP	Dougherty TJ, "Hematoporphyrin as a photosensitizer of tumors", <i>Photochem Photobiol</i> . 38(3):377-379 (1983)				
		KQ	Dougherty TJ, "Photodynamic therapy", Adv Exp Med Biol., 193:313-328 (1985)				
		KR	Dougherty TJ, "Photodynamic therapy", Clinics in Chest Medicine, 6(2):219-236 (1985)				
		KS	Dougherty TJ, "An update on photodynamic therapy applications", <i>J Clin Laser Med Surg.</i> 20(1):3-7 (2002)				
		кт	Dougherty TJ, "Studies on the structure of porphyrins contained in Photofrin II" <i>Photochem Photobiol.</i> , 46(5):569-573 (1987)				
		KU	Dougherty et al., "Energetics and efficiency of photoinactivation of murine tumor cells containing hematoporphyrin", Cancer Research 36:2330-2333 (1976)				
		KV	Dougherty et al., "Photoradiation therapy. II. Cure of animal tumors with hematoporphyrin and light", Journal of the National Cancer Institute, 55(1):115-121 (1975)				
		KW	Dougherty et al., "Photoradiation therapy for the treatment of malignant tumors", Cancer Res. 38(8):2628-2635 (1978)				
		кх	Dougherty et al., "Photodynamic Therapy," Journal of the National Cancer Institute, 90(12):889-905 (1998)				
		KY	Dougherty TJ, "Hematoporphyrin derivative for detection and treatment of cancer", J Surg Oncol. 15(3):209-210 (1980)				
		KZ	Dougherty et al., "Photoradiation therapyclinical and drug advances", Adv Exp Med Biol. 160:3-13 (1983)				
		LA	Dougherty et al., "Photoradiation in the treatment of recurrent breast carcinoma", J Natl Cancer Inst., 62(2):231-237 (1979)				
		LB	Dougherty et al., "Cutaneous phototoxic occurrences in patients receiving Photofrin", Lasers Surg Med. 10(5):485-488 (1990)				
176	$\rho$	LC	Dougherty et al., "Interstitial photoradiation therapy for primary solid tumors in pet cats and dogs", Gancer Res. 41(2):401-404 (1981)				
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) LD Dougherty, "Photodynamic therapy in gastrointestinal cancer", Lasers in Surgery and Medicine 12:114 (1992) LE Dougherty et al., "Characterization of intra-tumoral porphyrin following injection of hematoporphyrin derivative or its purified component", Photochemistry and Photobiology, 46(1):67-70 (1987) LF Dougherty et al., "The role of the peripheral benzodiazepine receptor in photodynamic activity of certain pyropheophorbide ether photosensitizers: albumin site II as a surrogate marker for activity", Photochem Photobiol., 76(1):91-97 (2002) LG Dougherty TJ, "An overview of the status of photoradiation therapy", Prog Clin Biol Res. <u>170</u>:75-87 (1984) LH Dougherty et al., "Photodynamic therapy", Eur J Cancer. 28A(10):1734-1742 (1992) Dougherty et al., "The structure of the active component of hematoporphyrin derivative", Prog Clin Biol Res., 170:301-314 (1984) Dougherty et al., "Of what value is a highly absorbing photosensitizer in PDT?" JLJ Photochem Photobiol B., 8(2):223-225 (1991) LK Douglass et al., "Intra-abdominal applications of hematoporphyrin photoradiation therapy", Adv Exp Med Biol., 160:15-21 (1983) LL Farrell et al., "A diffusion theory model of spatially resolved, steady-state diffuse reflectance for the noninvasive determination of tissue optical properties in vivo", Med. Phys., 19(4):879-888 (1992) LM Fingar et al., "Drug and light dose dependence of photodynamic therapy: a study of tumor cell clonogenicity and histologic changes", Photochem Photobiol., 45(5):643-650 (1987)LN Flock et al., "Monte Carlo Modeling of Light Propagation in Highly Scattering Tissues - I: Model Predictions and Comparison with Diffusion Theory," IEEE Transactions on Biomedical Engineering, 36(12):1162-1168 (1989) Flock et al., "Monte Carlo Modeling of Light Propagation in Highly Scattering Tissues - II: LO Comparison with Measurements in Phantoms," IEEE Transactions on Biomedical Engineering, 36(12):1169-1173 (1989)

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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Fukuzumi et al., "Photochemical and electrochemical properties of zinc chlorin-C60 dyad as compared to corresponding free-base chlorin-C60, free-base porphyrin-C60, and zinc porphyrin-C60 dyads", J Am Chem Soc., 123(43):10676-10683 (2001) LQ Glennie et al., "Preparation and Performance of Bispecific F(ab'y)2 Antibody Containing Thioether-Linked Fab'y Fragments", J. Immunol., 139:2367-2375 (1987) Gomer CJ et al., "Determination of [3H]- and [14C]hematoporphyrin derivative LR distribution in malignant and normal tissue", Cancer Res. 39(1):146-151 (1979) LS Graham et al., "Structure-activity relationship of new octaethylporphyrin-based benzochlorins as photosensitizers for photodynamic therapy", Photochem Photobiol. <u>77(5)</u>:561-566 (2003) LT Gryshuk et al., "A first comparative study of purpurinimide-based fluorinated vs. nonfluorinated photosensitizers for photodynamic therapy", Photochem Photobiol., <u>76(5)</u>:555-559 (2002) LU Gryzch et al., "In Vitro and In Vivo Effector Function of Rat IgG2a Monoclonal Anti-S. Masoni Antibodies", J. Immunol. 129: 2739-2743 (1982) LV Henderson et al., "Tumor destruction and kinetics of tumor cell death in two experimental mouse tumors following photodynamic therapy", Cancer Res., 45(2):572-576 (1985) Henderson et al., "Interaction of photodynamic therapy and hyperthermia: tumor LW response and cell survival studies after treatment of mice in vivo", Cancer Res., 45(12 Pt <u>1)</u>:6071-6077 (1985) LX Henderson et al., "Bacteriochlorophyll-a as photosensitizer for photodynamic treatment of transplantable murine tumors", J. Photochem. Photobiol. B. Biol. 10:303-313 (1991) LY Henderson et al., "An in vivo quantitative structure-activity relationship for a congeneric series of pyropheophorbide derivatives as photosensitizers for photodynamic therapy", Cancer Res. <u>57(18)</u>:4000-4007 (1997) LZ Henderson et al., "How does photodynamic therapy work?" Photochem Photobiol. <u>55(1)</u>:145-157 (1992) MA Henderson et al., "Aspects of the cellular uptake and retention of hematoporphyrin derivative and their correlation with the biological response to PRT in vitro", Adv Exp Med Biol., 160:129-38 (1983)

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174	МВ	Henderson et al., "Studies on the mechanism of tumor destruction by photoradiation therapy", Prog Clin Biol Res. 170:601-612 (1984)
1	мс	Herrera-Ornelas <i>et al.</i> , "Photodynamic therapy in patients with colorectal cancer", Cancer, <u>57(3)</u> :677-684 (1986)
	MD	Ho et al., "Some components of the tumor-localizing fraction of hematoporphyrin derivative", Photochemistry and Photobiology, 52(6):1085-1088 (1990)
	ME	Ho et al., "Carbon-14 labeling and biological activity of the tumor-localizing derivative of hematoporphyrin", Photochem Photobiol. 48(4):445-449 (1988)
	MF	Ho et al., "Activity and physicochemical properties of Photofrin", Photochem Photobiol. 54(1):83-87 (1991)
	MG	IUPAC-IUB Commission on Biochemical Nomenclature (see, Biochem. 11: 942-944 (1972)
	МН	Karpovsky et al., "Production of Target-Specific Effector Cells Using Hetero-Cross-Linked Aggregates Containing Anti-Target Cell and Anti-Fcy", J. Exp. Med. 160:1686 (1984)
	МІ	Kasper <i>et al.</i> , "Isolation and Characterization of A Monoclonal Antibody-Resistant Antigenic Mutant of <i>Toxoplasma Gondii</i> ", <i>J. Immunol.</i> 129: 1694-1699 (1982)
	MJ	Kessel et al., "Photosensitization with bacteriochlorins", Photochem Photobiol., 58(2):200-203 (1993)
	МК	Kessel et al., "Photosensitization by diporphyrins joined via methylene bridges", Photochemistry and Photobiology 48(6):741-744 (1988)
	ML	Kessel et al., "Photosensitization by synthetic diporphyrins and dichlorins in vivo and in vitro", Photochemistry and Photobiology 53(4):475-479 (1991)
	ММ	Khan et al., "An evaluation of photodynamic therapy in the management of cutaneous metastases of breast cancer", Eur J Cancer. 29A(12):1686-1690 (1993)
	MN	Kher et al., "Mechano and thermoluminescence of gamma-irradiated CaSO4:Dy phosphor.", Radiat Prot Dosimetry. 100(1-4):281-284 (2002)
nd	МО	Kozyrev et al., "Thermolysis of vic-dihydroxybacteriochlorins: a new approach for the synthesis of chlorin-chlorin and chlorin-porphyrin dimers", Org Lett. 1(8):1193-1196 (1999)

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710	MP	Lele et al., "Photodynamic therapy in gynecologic malignancies", Gynecol Oncol. 34(3):350-352 (1989)
	ма	Li et al., "A novel synthetic route to fused propenochlorin and benzochlorin photodynamic therapy probes", Chem Commun (Camb). (11):1172-1173 (2002)
	MR	Li et al., "Thermolysis of vic-dihydroxybacteriochlorins: effect of the nature of substrates in directing the formation of chlorin-chlorin dimers with fixed and flexible orientations and their preliminary in vitro photosensitizing efficacy", <i>J Org Chem.</i> 68(10):3762-3772 (2003)
	MS	Li et al., "A simple and efficient approach for the synthesis of fluorinated and nonfluorinated octaethylporphyrin-based benzochlorins with variable lipophilicity, their in vivo tumor uptake, and the preliminary in vitro photosensitizing efficacy", <i>J Org Chem</i> . 66(4):1316-1325 (2001)
	МТ	Liu, MA et al., "Heteroantibody duplexes target cells for lysis by cytotoxic T lymphocytes", Proc. Natl. Acad. Sci. USA 82:8648-8652 (1985)
	мυ	Lobel et al., "2-[1-hexyloxyethyl]-2-devinyl pyropheophorbide-a (HPPH) in a nude rat glioma model: implications for photodynamic therapy", Lasers Surg Med. 29(5):397-405 (2001)
	MV	MacDonald <i>et al.</i> , "Subcellular localization patterns and their relationship to photodynamic activity of pyropheophorbide-a derivatives", <i>Photochem Photobiol.</i> 70(5):789-797 (1999)
	MW	Mang et al., "Photobleaching of porphyrins used in photodynamic therapy and implications for therapy", Photochemistry and Photobiology, 45(4):501-506 (1987)
	МХ	Mang et al., "Time and sequence dependent influence of in vitro photodynamic therapy (PDT) survival by hyperthermia", Photochem Photobiol., 42(5):533-540 (1985)
	MY	Mang et al., "Fluorescence detection of tumors. Early diagnosis of microscopic lesions in preclinical studies", Cancer 71(1):269-276 (1993)
	}_	Merrifield et al., "Design and synthesis of antimicrobial peptides", Ciba Foundation Symposium, 186:5-20 (1994)
na	MZ	Mettath et al., "DNA interaction and photocleavage properties of porphyrins containing cationic substituents at the peripheral position" Bioconjugate Chem., 10:94-102 (1999)
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

PO	NA	Mettath et al., "Effect of substituents in directing the formation of benzochlorins and isobacteriochlorins in porphyrin and chlorin systems", Organic Letters 1(12):1961-1964 (1999)
	NB	Milstein et al., "Hybrid hybridomas and the production of bi-specific monoclonal antibodies", Immunol. Today 5:299-305 (1984)
	NC	Moesta et al., "Protoporphyrin IX occurs naturally in colorectal cancers and their metastases" Cancer Research, 61:991-999 (2001)
	ND	Morgan et al., "Comparison of photodynamic targets in a carcinoma cell line and its mitochondrial DNA-deficient derivative", <i>Photochemistry and Photobiology</i> , 71(6):747-757 (2000)
	NE	Morrison and Boyd, <i>Organic Chemistry</i> , (5th Ed., 1987), Chapter 13, entitled "Aromaticity," pages 477-497
	NF	Moskal et al., "Operation and photodynamic therapy for pleural mesothelioma: 6-year follow-up", Ann Thorac Surg., 66:1128-1133 (1998)
	NG	Nambisan et al., "Intraoperative photodynamic therapy for retroperitoneal sarcomas", Cancer, 61(6):1248-1252 (1988)
	NH	Niedre et al., "Direct Near-infrared Luminescence Detection of Singlet Oxygen Generated by Photodynamic Therapy in Cell In Vitro and Tissues In Vivo", Photochemistry and Photobiology, 75(4):382-391 (2002)
	NI	Nogrady, Medicinal Chemistry A Biochemical Approach, Oxford University Press, New York, pages 388-392 (1985)
	NJ	North et al. "Viral Inactivation in Blood and Red Cell Concentrates with Benzoporphyrin Derivative", Blood Cells 18:129-40 (1992)
	NK	Nseyo et al., "Study of factors mediating effect of photodynamic therapy on bladder in canine bladder model", <i>Urology</i> , 32(1):41-45 (1988)
	NL	Nseyo <i>et al.</i> , "Whole bladder photodynamic therapy for transitional cell carcinoma of bladder", <i>Urology</i> , <u>26(3)</u> :274-280 (1985)
ng	NM	Nseyo et al., "Photodynamic therapy in the management of resistant lower urinary tract carcinoma", Cancer 60:3113-3119 (1987)

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	NO	Nseyo et al., "Dihematoporphyrin ether clearance in primate bladders", The Journal of Urology, 136:1363-1366 (1986)
	NP	Nseyo et al., "Experimental photodynamic treatment of canine bladder", J Urol., 133(2):311-315 (1985)
	NQ	Paajanen <i>et al.</i> , "Proton Relaxation Enhancement of Albumin, Immunoglobulin G, and Fibrinogen Labeled with Gd-DTPA", <i>Magn. Reson. Med</i> <u>13</u> : 38-43 (1990)
	NR	Pandey et al., "Synthesis and photosensitizing activity of a di-porphyrin ether", Chemical Abstracts, 109:320 (1988)
	NS	Pandey et al., "Synthesis, photophysical properties, in vivo photosensitizing efficacy, and human serum albumin binding properties of some novel bacteriochlorins", J. Med. Chem. 40(17):2770-2779 (1997)
	NT	Pandey et al., "Chlorin and porphyrin derivatives as potential photosensitizers in photodynamic therapy", <i>Photochemistry and Photobiology</i> 53(1):65-72 (1991)
	NU	Pandey et al. (1999)
	NV	Pandey et al., "Syntheses and photosensitizing activity of porphyrins joined with ester linkages", Cancer Research 49:2042-2047 (1989)
	NW	Pandey et al., "Evaluation of new benzoporphyrin derivatives with enhanced PDT efficacy", Photochemistry and Photobiology 62(4):764-768 (1995)
	NX	Pandey et al., "Alkyl ether analogs of chlorophyll-a derivatives: Part 1. Synthesis, photophysical properties and photodynamic efficacy", <i>Photochemistry and Photobiology</i> 64(1):194-204 (1996)
	NY	Pandey et al., "Porphyrin dimers as photosensitizers in photodynamic therapy", J. Med. Chem. 33:2032-2038 (1990)
	NZ	Pandey et al., "Fast atom bombardment mass spectral analyses of Photofrin II and its synthetic analogs", Biomedical and Environmental Mass Spectrometry 19:405-414 (1990)
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OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) Pandey et al., "Comparative in vivo sensitizing efficacy of porphyrin and chlorin dimers joined with ester, ether, carbon-carbon or amide bonds" Journal of Molecular Recognition 9:118-122 (1996) Pierce Chemical Co. catalog, pages O-90 to O-110 (1995, Pierce Chemical Co., 3747 N. OB Meridian Rd., Rockford III., 61105, U.S.A.), Polin, R.A. "Monoclonal Antibodies Against Microorganisms", Eur. J. Clin. Microbiol., OC 3(5): 387-398 (1984) Potter et al., "The theory of photodynamic therapy dosimetry: consequences of photo-OD destruction of sensitizer", Photochemistry and Photobiology 46(1):97-101 (1987) Potter et al., "Photofrin II levels by in vivo fluorescence photometry", Prog Clin Biol Res. OE 170:177-186 (1984) Potter et al., "Parabolic quantitative structure-activity relationships and photodynamic OF therapy: application of a three-compartment model with clearance to the in vivo quantitative structure-activity relationships of a congeneric series of pyropheophorbide derivatives used as photosensitizers for photodynamic therapy", Photochemistry and Photobiology 70(5):781-788 (1999) Prakash, G.K.S. and A.K. Yudin, "Perfluoralkylation with Organosilicon Reagents", Chem Rev., 97:757-786 (1997) Pykett, "NMR Imaging in Medicine", Scientific American 246: 78 (1982) OG Rakestraw, et al., "Antibody-targeted photolysis: In vitro studies with Sn(IV) chlorin e6 OH covalently bound to monoclonal antibodies using a modified dextran carrier", Proc. Nad. Acad. Sci. USA 87: 4217-4221 (1990) Ris et al., "Absence of rhodamine 123-photochemotoxicity in human tumor xenografts", OI Lasers Surg Med. 13(1):40-44 (1993) Roy et al., "Ceramic-Based Nanoparticles Entrapping Water-Insoluble Photosensitizing OJ Anticancer Drugs: A Novel Drug-Carrier System for Photodynamic Therapy", J Am Chem Soc. 125(26):7860-7865 (2003) Runfola et al., "Photodynamic therapy for residual neoplasms of the perianal skin", Dis

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FLUORINATED PHOTOSENSITIZERS RELATED TO CHLORINS AND BACTERIOCHLORINS FOR PHOTODYNAMIC THERAPY

Colon Rectum. 43(4):499-502 (2000)

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FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222	CONFIRM NO. 8140
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.	CUSTOMER NO. 24961	
STATEMENT	FILING DATE June 27, 2003	GROUP 1626	

<sup>\*</sup> If an asterisk is placed beside the reference number, a copy is NOT provided because the reference was previously cited by or submitted to the PTO in a prior application that is identified in the statement and relied upon for an earlier filing date under 35 U.S.C. 120. 37 C.F.R. § 1.98(d).

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DATE CONSIDERED 06/02/06 **EXAMINER** 

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FLUORINATED PHOTOSENSITIZERS RELATED TO CHLORINS AND BACTERIOCHLORINS

FOR PHOTODYNAMIC THERAPY

FORM PTO-1449	ATTY. DOCKET NO. 25886-0094	SERIAL NO. 10/607,222	CONFIRM NO. 8140
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE	APPLICANT Pandey et al.	CUSTOMER NO. 24961	
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Title: FLUORINATED PHOTOSENSITIZERS RELATED TO CHLORINS AND BACTERIOCHLORINS

Infection in Mice, J. Immunol. 129: 2326-2328 (1982)

FOR PHOTODYNAMIC THERAPY

Substitute Form PTO-1449 U.S. Department of Commerce (Modified)

Attorney's Docket No. 17105-058001 (25886-0094)

Application No. 10/607,922

List of Patents and Publications f r Applicant's Information Disclosure Stat m nt

Applicant R. Pandey et al.

Filing Date June 27, 2003 **Group Art Unit** 1621

(37 CFR §1.98(b))

II & Patent Documents

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77		В	2001/0022970	09/20/01	Dees et al.	424	178.1	03/06/01
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		R	4,521,762	06/04/85	Kapral	340	347	12/20/82
		s	4,577,636	03/25/86	Spears	128	654	01/27/84
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		Y	4,878,891	11/07/89	Judy et al.	604	5	06/25/87
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Substitute Form (Modified)	n PTO-1449		partment of Commerc t and Trademark Office			Application No 10/607,922	
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110	AE	5,028,594	07/02/91	Carson	514	23	12/27/88
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List of Pa	atents an	d Publications f r Applicant's	Applicant			
		n Disclosur Statement	R. Pandey et al.			
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	7	Certified English Translation of: Fisch	ner, H. et al., "[On the Brominat	on of the Esters of		
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